

Remarks/Arguments:

Claims 1-49 are pending in the above-identified application. Claims 29-49 have been cancelled. New claims 50 and 51 have been added.

Claims 1-3 and 7 were rejected under 35 U.S.C. § 102 (e) as being unpatentable over Alwan et al. It is respectfully submitted, however, that the claims are now patentable over the art of record for the reasons set forth below.

Applicants' invention, as recited by claim 1, includes features which are neither disclosed nor suggested by the art of record, namely:

... an external information receiver for receiving a plurality of external information from an information processing terminal...

... an optical output controller for **performing multistage control of the outputting light of the plurality of optical output elements** based on the plurality of external information received by the external information receiver

... the plurality of external information includes **at least two kinds of information representing a condition of a user of the information processing terminal**. (Emphasis added).

Basis for these amendments may be found, for example, in the specification at page 28, line 16 to page 29, last line.

Applicants' exemplary embodiment includes an information processing terminal 11 and 1301 (Figs. 1 and 13). The information processing terminal 11 and 1301 may acquire a plurality of external information. (Page 9, lines 13-24 and page 8, lines 22-25). The external information may include at least two kinds of information indicating the condition of a user of the information processing terminal 11 and 1301. For example, the information processing terminal 11 and 1301 may acquire a first kind of external information (location information) indicating a location where the user of terminal is located. (Page 9, lines 17-18 and page 28, lines 18-19). The information processing terminal 11 and 1301 may also acquire a second kind of external information (pressure information) when the user grasps the terminal resulting from an emotion (i.e. love) of the user. (Page 28, line 20).

The optical output unit 13 may also include a plurality of optical elements for outputting light. (Page 29, lines 8-9). The system in Applicants' exemplary embodiment may use each of

the different kinds of external information to control respective optical elements. For example, the system may use the location data to control a first optical element and the pressure data to control a second optical element. (Page 29, lines 15-19). That is, the optical output controller 133 in Applicants' exemplary embodiment may perform **"multistage control of the ouputting light of the plurality of optical output elements"** based on the plurality of external information , as recited in claim 1.

Alwan et al. includes nodes 108(a) and 108(b) (Fig. 3). Signals 110(a) and 110(b) are sent between node 108(a) and node 108(b). Control modules 310(a) and 310(b) operate in a first mode (Mode 1) by controlling transmitters 304(a) and 304(b) to transmit at a high power level during normal operation. (Col. 8, line 65 to Col. 9, line 3). However, if object 312 blocks one of the beams 110(a), or 110(b), control modules 310(a) or 310(b) enters a second mode (Mode 2). In Mode 2, transmitter 304(a) is reduced to a low level or zero level after a short period T of delay to prevent prolonged human exposure to radiation. (Col. 9, lines 4-17). After Mode 2 is executed, control module 310(b) begins a recovery mode (Mode 3). In Mode 3, transmitter 304(b) is controlled to transmit an intermittent pulse. This intermittent pulse may be sent at a different power level than the power level during normal operation (Mode 1) (Col. 9, lines 45-58). The mode data in Alwan et al., however, **does not indicate any condition of a user** of either node 108(a) or 108(b). Alwan et al. does not, therefore, disclose "... the plurality of external information includes **at least two kinds of information representing a condition of a user of the information processing terminal,**" as recited in claim 1. Further, Alwan et al. does not disclose "... **performing multistage control of the ouputting light of the plurality of optical output elements** based on the plurality of external information," as recited in claim 1.

Thus, claim 1 is allowable over the art of record. The rejection of claim 2 is moot due to the cancellation of this claim. Claims 3 and 7 depend from claim 1. Accordingly, claims 3 and 7 are also allowable over the art of record.

Claims 1-4 and 6-7 were rejected under 35 U.S.C. § 102 (e) as being unpatentable over Anemogiannis et al. It is respectfully submitted, however, that the claims are now patentable over the art of record for the reasons set forth below.

Anemogiannis et al. discloses a test apparatus 14 which uses two modes (a learn mode and an interrogation mode) for determining whether a fault exists along an optical fiber. Test

apparatus 14 transmits an optical signal through a first end 22. The signal is then reflected back to test apparatus 14 by reflector loop 18. (Fig. 1). During the learn mode, test apparatus 14 determines the amount of time the pulse travels through each fiber in bundle 16. Test apparatus 14 then stores a variable corresponding to the length of each fiber 16 and the intensity of the reflected pulse. During the interrogation mode, apparatus 14 compares the stored variable and intensity of the reflected pulse with the initial stored variable and intensity. If the compared variables vary greater than a predetermined amount, apparatus 14 provides an alarm indicating that there is a fault through signal lines 20. (Col. 2, lines 44-63).

The apparatus 14 in Anemogiannis et al. **does not, however, disclose any condition of a user of a terminal.** Units 48a-48h of receiver 54 receive external information during the interrogation mode. This external information indicates whether the optical fibers include a break. (Col. 3, lines 30-38). That is, units 48a-48h of receiver 54 only indicate a condition of the optical fibers. The external information **does not, however, include a condition of a user of a terminal.** Thus, Anemogiannis et al. does not disclose "... the plurality of external information includes **at least two kinds of information representing a condition of a user of the information processing terminal,**" as recited in claim 1. Further, Alwan et al. does not disclose "... **performing multistage control of the outputting light of the plurality of optical output elements** based on the plurality of external information," as recited in claim 1.

Thus, claim 1 is allowable over the art of record. The rejection of claim 2 is moot due to the cancellation of this claim. Claims 3-4 and 6-7 depend from claim 1. Accordingly, claims 3-4 and 6-7 are also allowable over the art of record.

Claims 8-11 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Anemogiannis et al. and Ackerman. Claims 8-11 are allowable, however, because they depend from an allowable claim.

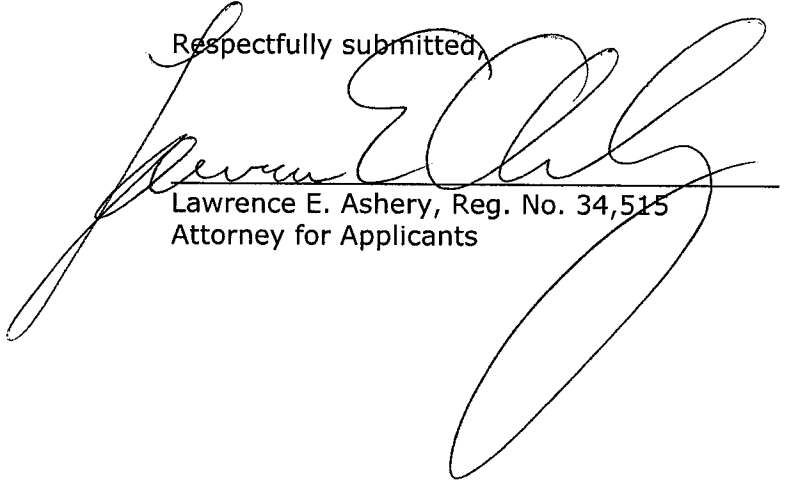
Claims 12-28 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Anemogiannis et al. and Lichter et al. Claims 12-25 are allowable, however, because they depend from an allowable claim.

Claims 26-28, while not identical to claim 1, includes features similar to those set forth above with regard to claim 1. Thus, claims 26-28 are also allowable over the art of record for reasons similar to those set forth above with regard to claim 1.

New claims 50 and 51 have been added. Basis for these new claims may be found, for example, in the specification at page 28, line 16 to page 29, last line. As described above, the information processing terminal 11 and 1301 may acquire a plurality of external information. (Page 9, lines 13-24 and page 8, lines 22-25). The external information may include at least two kinds of information indicating the condition of the information processing terminal itself or information indicating both the condition of the information processing terminal 11 and 1301 and the condition of the user of the information processing terminal 11 and 1301. No new matter has been added.

In view of the foregoing amendments and remarks, this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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